

ABSTRACT

A main CPU transmits data used in determination of whether or not a target throttle opening degree calculation logic and an estimated target throttle opening degree calculation logic are normal (a target degree and an estimated target degree of throttle opening, and a dummy estimated target degree of throttle opening and an expected value) to a sub-CPU. The sub-CPU compares the data pieces in each of the pairs so as to calculate monitor data for monitoring whether or not the determination result in the main CPU is correct. In this manner, it is possible to enhance reliability of the routine for determining whether or not the respective logics are normal.